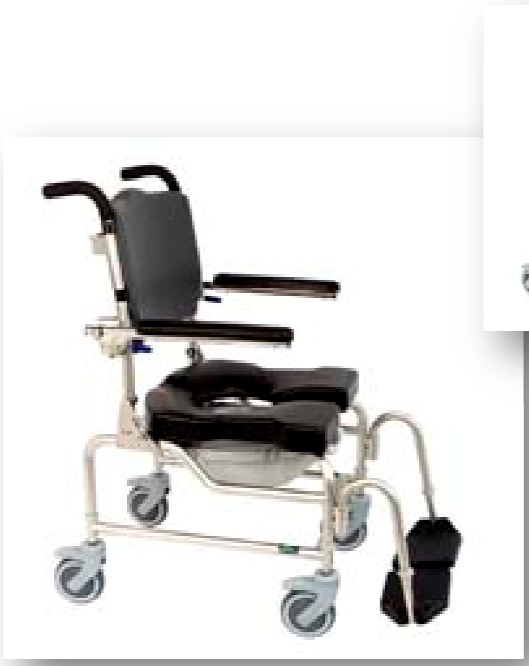
RAZ Rehab Shower Chairs
AP / SP Models

User's Manual



A guide to help users and caregivers in the safe usage and maintenance of RAZ Rehab Shower Chairs

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Warning!

Safety Instructions

Failure to comply may cause injury or damage!

It is important that the user(s), and/or the caregivers of the user(s), thoroughly learn the safe operation of the RAZ Shower Commode Chair. The following must be observed for safe operation:

• The User's Manual must be read and thoroughly understood before using the RAZ Shower Commode Chair. If there are any parts of the User's Manual that are not understood, clarification should be sought prior to using the product. For clarification of any section of this manual, call the dealer that provided the product.

• Maximum user weight:

- **AP/SP 300 lbs (136 kg)**
- **APHD/SPHD 450 lbs (204 kg)**

• Transfers to and from the chair can be dangerous. Consult a physical or occupational therapist if safe, reliable transfer techniques have not been learned. Individuals who have not learned this skill must have assistance during transfers and may require the use of a mechanical lift.

• The RAZ Shower Chair is not intended for use as a transportation device or a long-term seating system.

• Users should never be left unattended in a RAZ Shower Chair.

• The RAZ Shower Chair is not designed to be used as a pool chair. Do not immerse the shower chair in whole or in part, in water or any other liquid or damage to the shower chair components will result.

• If it is ever felt that any aspect of the RAZ Shower Chair is in need of maintenance, contact your dealer. Any problems that could affect the safe usage of the chair must be attended to immediately. The RAZ chair must be clearly identified as being in need of maintenance and as being unavailable for use. The dealer that provided the product must be contacted so that

SAFETY INSTRUCTIONS

Wheel Locks, Forward Stability

The 5” casters are equipped with dual locks. The step-on lever activates both the roll lock and the swivel lock. **It is essential that the front casters be in the forward position before engaging the locks.** This will provide the most forward stability. If your chair is equipped with rear self-propelling wheels (SP Model), the wheel locks for these wheels must be engaged during transfers.
DO NOT lean forward as this may cause the chair to tip forward.
DO NOT wheel down a ramp (SP Model) without an attendant who can hold onto the chair during the descent.

WHEEL LOCKS ARE NOT BRAKES! Never use the wheel locks to slow down your commode when descending inclines as this could cause the chair to tip in the direction of travel.

Lateral Stability

DO NOT lean over the edge of a RAZ Shower Chair as this could cause the chair to tip.
DO NOT attempt to pick up objects from the floor by leaning over and reaching – use a reacher or seek assistance from others**.**
DO NOT position the Shower Chair on a side slope as this could cause it to tip.

Rearward Stability

DO NOT wheel up an incline (SP Model) without ensuring that the optional rear antitippers are in place. The optional anti-tippers must be ordered with the RAZ SP and properly installed before wheeling on uneven surfaces.

Ramps and Other Inclines

Ramps and other surfaces that aren’t level – such as slopes into wheel-in showers –must be tested with an attendant to ensure that they don’t compromise stability. A qualified healthcare professional should be consulted to assist with this process.

Anti-Tippers (SP Model only)

Anti-tippers are an option of the RAZ SP Shower Chairs. These are recommended whenever the chairs are to be used on uneven surfaces such as ramps or sloped floors. If there is any doubt as to the stability of the RAZ SP, anti-tippers should be installed by the dealer that supplied the chair.

IMPORTANT!

The rearward stability of the RAZ SP is affected by the mounting location of the rear wheels, the physical and clinical characteristics of the user and the angle of the backrest. The need for anti-tippers should have been determined at the time of the prescription of the RAZ SP. It is recommended that a qualified health care professional assist in the performance of a stability check (see above) in the environment in which the product will be used in order to determine the need and / or the required adjustment for anti-tippers.

Transfers

The most dangerous part of using any shower chair is the transfer. Since every chair has different stability characteristics, it is essential to carefully review and test the transfer technique to ensure that the procedure is safe. Test transfers should be performed with an attendant who can prevent the chair from tipping. If you feel that the transfers cannot be repeatedly performed safely, contact a physical or occupational therapist who is familiar with transfer techniques and options.
The wheel locks are designed to prevent the self-propelling wheels from rotating. The dual locks on the casters are designed to prevent the caster wheels from rotating and the caster forks from swivelling. These do not and CANNOT prevent the tires from sliding if the floor is slippery. A slippery floor can be caused by dust, water, soap or any substance that doesn't allow the tires to grip. **Transfers should never be attempted with the shower chair positioned on slippery surfaces** since the wheel locks can only prevent the wheels from rotating. Wheel locks cannot prevent the tires or casters from sliding on slippery surfaces. It is recommended that transfers be performed on clean, dry nonslippery surfaces.

Transferring onto a RAZ AP Shower Chair – always lock all four casters in their out-bound position (front casters positioned in the forward and out position / rear casters positioned to the rearward and out position) for maximum chair stability.

Transferring onto a RAZ SP Shower Chair – always lock both front casters in their out-bound position (positioned in the forward and out position) and fully apply both wheel locks so that they securely engage the rear wheels.

NEVER use the footplates to assist in transfers. This could cause the chair to tip forward. The footrests should be swung to the side or removed entirely during transfers to provide unobstructed access to the shower chair.

Fasteners

The fasteners – the nuts, bolts, washers – should be checked periodically to ensure that they are snug. All nuts used on your RAZ Shower Chair are lock nuts or are used in conjunction with a lock washer. Lock nuts that are removed for any reason should be replaced rather than re-used. Your dealer should be called to check the fasteners and other components at least once per year.

Pelvic Strap

An optional 2-piece pelvic strap can be attached to any RAZ model. The backrest mounting plates include slots that are intended for the strap attachment. The pelvic strap can be ordered with your RAZ Shower Chair or can be retrofitted. Only qualified dealers should attach pelvic straps.

Chest Strap

An optional 1-piece chest strap can be attached to any RAZ model. The back upholstery includes loops that are intended as belt guides. A chest strap can be ordered with your RAZ Shower Chair or can be retrofitted.

ADJUSTMENTS

IMPORTANT!

ADJUSTMENTS SHOULD NEVER BE ATTEMPTED WITH THE USER IN THE CHAIR!

Your authorized RAZ dealer can help you with any adjustments you may want to make on the Shower Chair or can provide clarification on any of the information contained herein.

Seat Adjustment and Removal

The seat has approximately 2" of fore / aft adjustment. To adjust the seat position, remove the seat by squeezing the spring clips that lock the front seat brackets to the chair frame. Remove the seat by lifting up on the front edge and sliding the seat forward and away from the chair. Loosen the 8 screws attaching the seat brackets to the underside of the seat. Position the front brackets in the desired location and re-tighten the 4 front screws. Slide the rear brackets all the way forward. With the spring clips in the unlocked (forward) position, place the back of the seat onto the rear cross tube and then slide the seat rearward so that the rear seat brackets catch the rear cross tube. Lower the front of the seat at the same time until the front frame tubes are nestled into the front seat brackets. Secure the seat in place by locking the spring clips under the front frame tubes. Slide the rear seat brackets back until they are in firm contact with the rear cross tube. Re-tighten the 4 rear screws.

Options available:
- 16" deep seat with open front
- 16" deep seat with bridged (closed) front
- 19" deep seat with open front
- 19" deep seat with bridged (closed) front

Backrest Angle Adjustment

Backrest angle can be set at 85°, 90° and 95°. The factory preset position is 90°. To change the position, it is recommended that an authorized RAZ dealer be contacted to perform the work.

Options available:
- 17" back height with adjustable height and angle armrests
- 20" back height with adjustable height and angle armrests

Arm Height Adjustment (optional)

The arms are adjustable in height within a 3" range, in ½" increments. This adjustment should be performed by an authorized RAZ dealer.
Options available: Arm locks

Flip-Up Locking Armrests (optional)

To flip up the locking armrests, release the arm lock by lifting the trigger then lifting the armrest.

Seat Height Adjustment — AP Model

The RAZ attendant-propelled models (AP, APHD) have telescopic caster extensions that provide a height adjustment range of 3". To adjust the height, position the chair on one side. Remove the lock pins. Slide the caster assemblies to the desired position and reinsert the lock pins. Ensure that the pins are completely through the two tubes and that the grey plastic clips are snapped securely around the outer tubes. Repeat for the opposite side.

IMPORTANT!

ALL CASTER STEMS MUST BE ADJUSTED TO THE SAME HEIGHT. NEVER ATTEMPT TO CHANGE THE FRAME ANGLE WITH THE CASTER POSITION. UNEQUAL CASTER POSITION WILL REDUCE THE CHAIR'S STABILITY AND MAY RESULT IN TIPPING.

Seat Height Adjustment — SP Model (Dealer Only)

The SP and SPHD models can be adjusted in height within a 3" range with 24" wheels and a 2" range with 22" wheels. Please call your authorized RAZ dealer to alter the height on any self-propelling model.

Rear Wheel Fore / Aft Adjustment — SP Model (Dealer Only)

The 22" or 24" wheels have a fore/aft adjustment range of 3½". With the axle plates in the trailing position (lower edges of plates behind top edge), the axles position can be adjusted infinitely from 2" to ½" behind the centre line of the back post. With the axle plates in the leading position (lower edges of plates ahead of upper edges), the axles can be adjusted infinitely from 1½" in front of the centre line of the back post to directly at the centre line of the back post. Note: This adjustment must be performed by an authorized RAZ dealer.

Backrest Angle Adjustment (Dealer Only)

The factory position for the backrest (or hip) angle is 90°-- measured from the seat frame to the backrest frame. Your authorized RAZ dealer can adjust the backrest angle to one of three positions: 85°, 90°, and 95°. Please note tha t the Adjusta Back Option is required in order to level the armrests if the backrest angle is changed from the factory position.

IMPORTANT!

INCREASING THE SEAT HEIGHT, MOVING THE REAR WHEELS FORWARD AND INCREASING THE BACKREST ANGLE WILL DECREASE REARWARD STABILITY. IT IS ESSENTIAL THAT A STABILITY CHECK BE PERFORMED AFTER ANY OF THESE ADJUSTMENT ARE MADE. STABILITY CHECKS SHOULD BE PERFORMED WITH THE OPTIONAL ANTI-TIPPERS ATTACHED.

Armrest Height / Armrest Angle Adjustment — Optional (Dealer Only)

The armrest can be adjusted in height from 7 ½" to 9 ½" with the 17" Height Adjusta Back Option and from 8 ½" to 10 ½" with the 20" Height – Adjusta Back Option.
The armrest angle can also be adjusted up 5° or dow n 5° if the backrest angle is adjusted from the 90° factory position.